





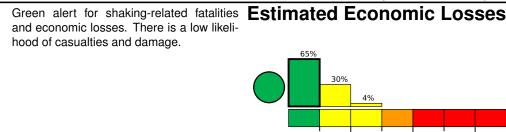
PAGER Version 3

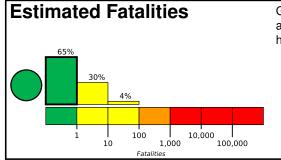
Created: 1 day, 0 hours after earthquake

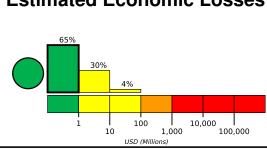
M 5.6, southeast of the Loyalty Islands

Origin Time: 2023-10-17 13:40:32 UTC (Wed 00:40:32 local) Location: 22.2214° S 170.7083° E Depth: 15.7 km

Estimated Fatalities 10,000 1,000





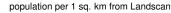


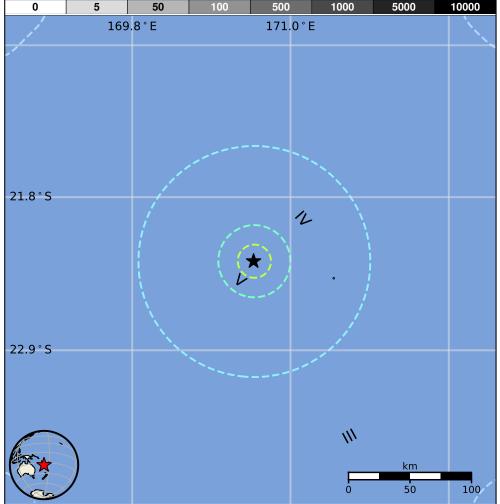
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	0	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure





Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are unknown/miscellaneous types and wood construction.

Historical Earthquakes

		•		
Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1980-03-08	89	7.2	I(0)	_
1992-10-19	328	6.1	VII(4k)	_
1973-12-09	271	6.9	VII(10k)	_

Selected City Exposure

from GeoNames.org

MMI City **Population**

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us6000lg4y#pager

Event ID: us6000lg4y